



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3488-3

Job Sheet 209544



Part No: D3488-3

Job Qty: 12 pcs

Part Name: Blade Fitting, LH



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 5/1/20

Job Tracking No:

Due Date: 8/10/20

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DSK101 REV.D / D3488 REV.C IPP REV:A 18.11.09 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Doosan - 1	12 pcs		8/7/20	1.00	10.55	Doosan - 1		<i>[Signature]</i> 26/08/29
110	QC 2	12 pcs		8/7/20	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		



Container No: S297238



Part: D3488-3

Job No: 209544

Serial No/Batch: S297238

Revision: D/C

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 08/29/20

						QC 2 - 65	
						QC 2 - 5	
						QC 2 - 71	
						QC 2 - 73	
						QC 2 - 69	
						QC 2 - 76	
						QC 2 - 86	
						QC 2 - 83	DAS
120 HAAS 4 Axis - B4B	12 pcs	8/8/20	1.00	8.23		HAAS - 1 - B4B	52 20/09/23
						HAAS - 2 - B4B	9-89
						HAAS - 3 - B4B	
						HAAS - 4 - B4B	
130 QC 2	12 pcs	8/8/20	0.00	0.00		QC 2 - 1	
						QC 2 - 12	
						QC 2 - 14	
						QC 2 - 17	
						QC 2 - 19	
						QC 2 - 2	
						QC 2 - 20	
						QC 2 - 22	
						QC 2 - 23	
						QC 2 - 25	
						QC 2 - 32	
						QC 2 - 33	
						QC 2 - 35	
						QC 2 - 39	
						QC 2 - 4	
						QC 2 - 40	
						QC 2 - 44	
						QC 2 - 45	
						QC 2 - 48	
						QC 2 - 49	
						QC 2 - 50	
						QC 2 - 51	DAS
						QC 2 - 52	52 20/09/23
						QC 2 - 57	9-89
						QC 2 - 62	
						QC 2 - 63	
						QC 2 - 8	
						QC 2 - 66	
						QC 2 - 64	
						QC 2 - 65	
						QC 2 - 5	
						QC 2 - 71	
						QC 2 - 73	
						QC 2 - 69	
						QC 2 - 76	
						QC 2 - 86	
						QC 2 - 83	
140 QC 8	12 pcs	8/8/20	0.00	0.00		QC 8 - 12	
						QC 8 - 14	
						QC 8 - 17	
						QC 8 - 20	
						QC 8 - 25	
						QC 8 - 3	
						QC 8 - 32	
						QC 8 - 33	
						QC 8 - 35	
						QC 8 - 39	

					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	3a 20-09-24
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	
					QC 8 - 40	
					QC 8 - 52	
					QC 8 - 23	
					QC 8 - 57	
					QC 8 - 76	
					QC 8 - 61	
					QC 8 - 66	
					QC 8 - 73	
					QC 8 - 82	
150	Handfinish - 1-1 Chemical-B4B	12 pcs	8/8/20	0.00 1.13	Handfinish - 1 - 1 - B4B	
					Handfinish - 1 - 2 - B4B	
					Handfinish - 1 - 3 - B4B	
					Handfinish - 1 - 4 - B4B	
					Handfinish - 1 - 5 - B4B	
					Handfinish - 1 - 6 - B4B	
					Handfinish - 1 - 7 - B4B	
					Handfinish - 1 - 8 - B4B	
					Handfinish - 1 - 9 - B4B	
					Handfinish - 1 - 10 - B4B	
					Handfinish - 1 - 11 - B4B	
					Handfinish - 1 - 12 - B4B	
					Handfinish - 1 - 13 - B4B	
					Handfinish - 1 - 14 - B4B	
					Handfinish - 1 - 15 - B4B	
					Handfinish - 1 - 16 - B4B	
					Handfinish - 1 - 17 - B4B	
					Handfinish - 1 - 18 - B4B	
					Handfinish - 1 - 19 - B4B	
					Handfinish - 1 - 20 - B4B	
					Handfinish - 1 - 21 - B4B	
					Handfinish - 1 - 22 -	3a 20-09-24

				B4B	
151 QC 7	12 pcs	8/8/20	0.00 0.00	QC 7 - 10	
				QC 7 - 13	
				QC 7 - 14	
				QC 7 - 15	
				QC 7 - 17	
				QC 7 - 18	
				QC 7 - 19	
				QC 7 - 2	
				QC 7 - 28	
				QC 7 - 3	
				QC 7 - 30	
				QC 7 - 34	
				QC 7 - 36	
				QC 7 - 37	
				QC 7 - 41	
				QC 7 - 47	
				QC 7 - 48	
				QC 7 - 51	
				QC 7 - 58	
				QC 7 - 59	
				QC 7 - 60	
				QC 7 - 9	
				QC 7 - 68	
				QC 7 - 50	
				QC 7 - 67	
				QC 7 - 40	
				QC 7 - 24	
				QC 7 - 43	
				QC 7 - 61	
				QC 7 - 81	
				QC 7 - 76	
				QC 7 - 79	
				QC 7 - 83	
				QC 7 - 82	
				QC 7 - 87	
160 Powdercoat - 1 White Gl(A)- B4B	12 pcs	8/10/20	0.00 0.42	Powdercoat - 1 - B4B	
				Powdercoat - 2 - B4B	
				Powdercoat - 3 - B4B	
				Powdercoat - 4 - B4B	
170 QC 3	12 pcs	8/10/20	0.00 0.00	QC 3 - 10	
				QC 3 - 13	
				QC 3 - 15	
				QC 3 - 17	
				QC 3 - 18	
				QC 3 - 2	
				QC 3 - 28	
				QC 3 - 3	
				QC 3 - 30	
				QC 3 - 34	
				QC 3 - 36	
				QC 3 - 41	
				QC 3 - 51	
				QC 3 - 58	
				QC 3 - 59	
				QC 3 - 68	
				QC 3 - 9	
				QC 3 - 40	
				QC 3 - 19	

M254469.

START: 8:05 O.V.T. 32° FINISH: 9:35

20-09-28.

DAS 34 9-89

20-9-28.

DAS 34 9-89

M 20-9-28

DAS 15 9-89

200 Packaging 3-1 - Stock - B4B	12 pcs	8/10/20	0.00	0.00	QC 3 - 43	
					QC 3 - 24	
					QC 3 - 61	
					QC 3 - 81	
					QC 3 - 82	
					QC 3 - 87	
					Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	FP-001 20-9-75
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	

				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	DAS 77
210 QC 21 - SA	12 pcs	8/10/20	0.00 0.00	QC 21 - SA - 21	SEP 28 2020 9-89
				QC 21 - SA - 70	
				QC 21 - SA - 53	

Part Op 100 - 1-Turn as per Dwg DSK 101 & Folio FC491

Descriptions: 110 - QC2 Machining-2 (QC2- Inspect parts off machine FAI/FAIB)

120 - HAAS1-3 (HAAS CNC Vertical Machine) 1-Machine as per Folio FA627 & Dwg D3488

130 - QC2 Machining-2 (QC2- Inspect parts off machine FAI/FAIB)

140 - QC8 Machining-2 (QC8- Inspect parts - second check)

150 - HandFinish1 (Chemical Conversion Coat per QSI005 4.1)

151 - (QC7-Inspect Chemical Conversion Coat)

160 - Powdercoat1 (White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum) START TIME: _____ OVEN TEMPERATURE: _____ FINISH TIME: _____

170 - QC3 (QC3- Inspect Part Finish)

200 - Packaging3-1 (Identify as per dwg & Stock Location: _____ LOCATION : FP001)

210 - QC21 (QC21- Final Inspection - Work Order Release)

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
D6103-003	Round Billet, Aluminum	12 pcs (1 ea)	100-Doosan - 1	S29/489 S268643

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Doosan - 1	D6103-003	12	22	0

Part Specifications	
Specifications could not be found.	

Plex 5/1/20 2:29 PM Dart.lajeunesse.marie

DART AEROSPACE LTD		Work Order: 20544
Description: Blade Fitting, RH / Turning Detail for D3488-3		Part Number: D3488-3
Inspection Dwg: D3488 / DSK101 Rev: C / D		Page 2 of 2

INSPECTION SHEET

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Milling Section						
Ø0.508	+0.006/-0.001	0.508			G.P.	Ref
0.750	+/-0.010	0.750			Ver	B17321454
1.500	+/-0.010	1.499			Ver	B17321454
11.18	+/-0.030	11.175			H.G.	31006
R0.062	+/-0.010	0.062			R.G.	Ref
0.125	+/-0.010	0.125			Ver	B17321454
0.590	+/-0.010	0.586			H.G.	31006
0.793	+/-0.010	0.793			Ver	"
1.351	+/-0.010	1.351			H.G.	31006
1.317	+/-0.010	1.321			Ver	"
1.802	+/-0.010	1.802			H.G.	31006

Measured by:  DAS	Checked by: 	QC Inspector:
Date: 20-08-24	Date: 20-09-24	Date:

Engineering Approval: (If necessary)	Date:
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Rev	Date	Change	Revised by	Approved
A	19.06.14	New Issue	MG 	

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					